

Product information
M12 Receptacle connector, front mounting, solder connections - PRSFM 5
46002

Name	
Name	M12 Receptacle connector, front mounting, solder connections
	
	Receptacle connector, for front mounting, male connector, solder connections, housing of stainless steel, (especially designed for use in food processing equipment), solder contacts not potted, chassis side thread M16 x 1.5 (panel nut RSKFM 16), 5 poles, A coding.
Delivery informations	
Availability	available
Product description	
Type	PRSFM 5
Order No.	46002
Description	Receptacle connector, for front mounting, male connector, solder connections, housing of stainless steel, (especially designed for use in food processing equipment), solder contacts not potted, chassis side thread M16 x 1.5 (panel nut RSKFM 16), 5 poles, A coding.
Number of contacts	5
Color of housing	silver
Product characteristics	Acids resistance
Classification	
Belden brand	Lumberg-Automation
Eclass-ID	27260702
Mechanical data	
Type of plug-in contact	Male connector
Design of housing	straight
Thread	M12
Design of electrical connection	printed circuit board mount
Coding of the M12 round plug connector	A
LED display present	✘
Environmental conditions	
Environmental temperature	-25 °C ... 70 °C
Degree of protection (IP), mounted	IP67 / IP69K
Pollution degree	3
Materials	
Housing material / Molded body	stainless steel
Contact bearer material	PBT
Contact material	CuZn
Contact material - Surface refinement	pre-nickelated and 0.8 microns gold-plated
Sealing material	EPDM
Electrical data	
Contact resistance	≤ 5 mΩ
Rated current In	4 A at 40°C, UL and notice derating
Nominal voltage	60 V, connection area must be epoxy potted.
Rated voltage	63 V
Test voltage	1.5 kV eff./60 s
Insulation resistance	> 1 GΩ
Approvals	
Approvals	UL

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